

Figure 1

FIG. 2

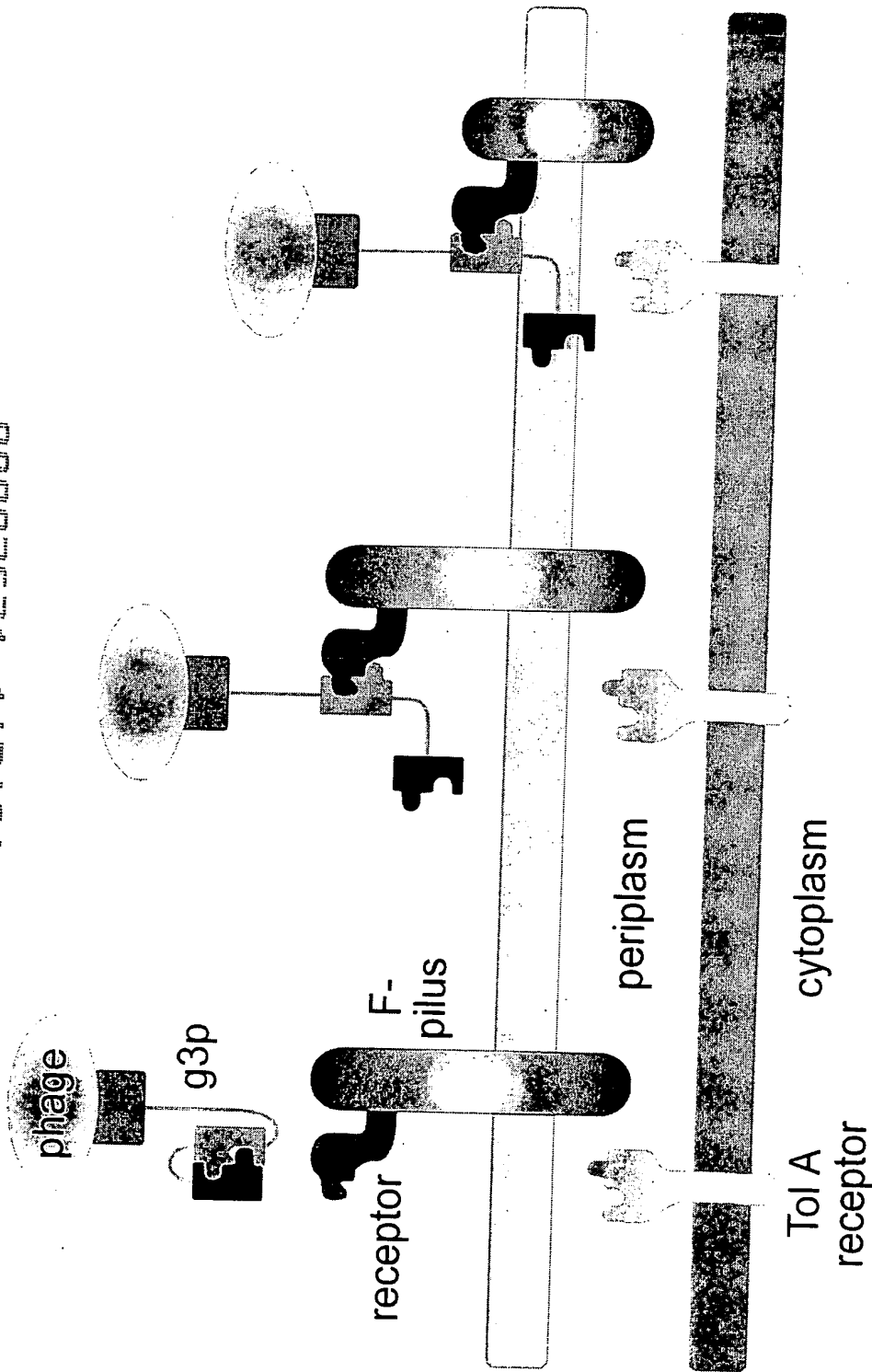


Figure 2

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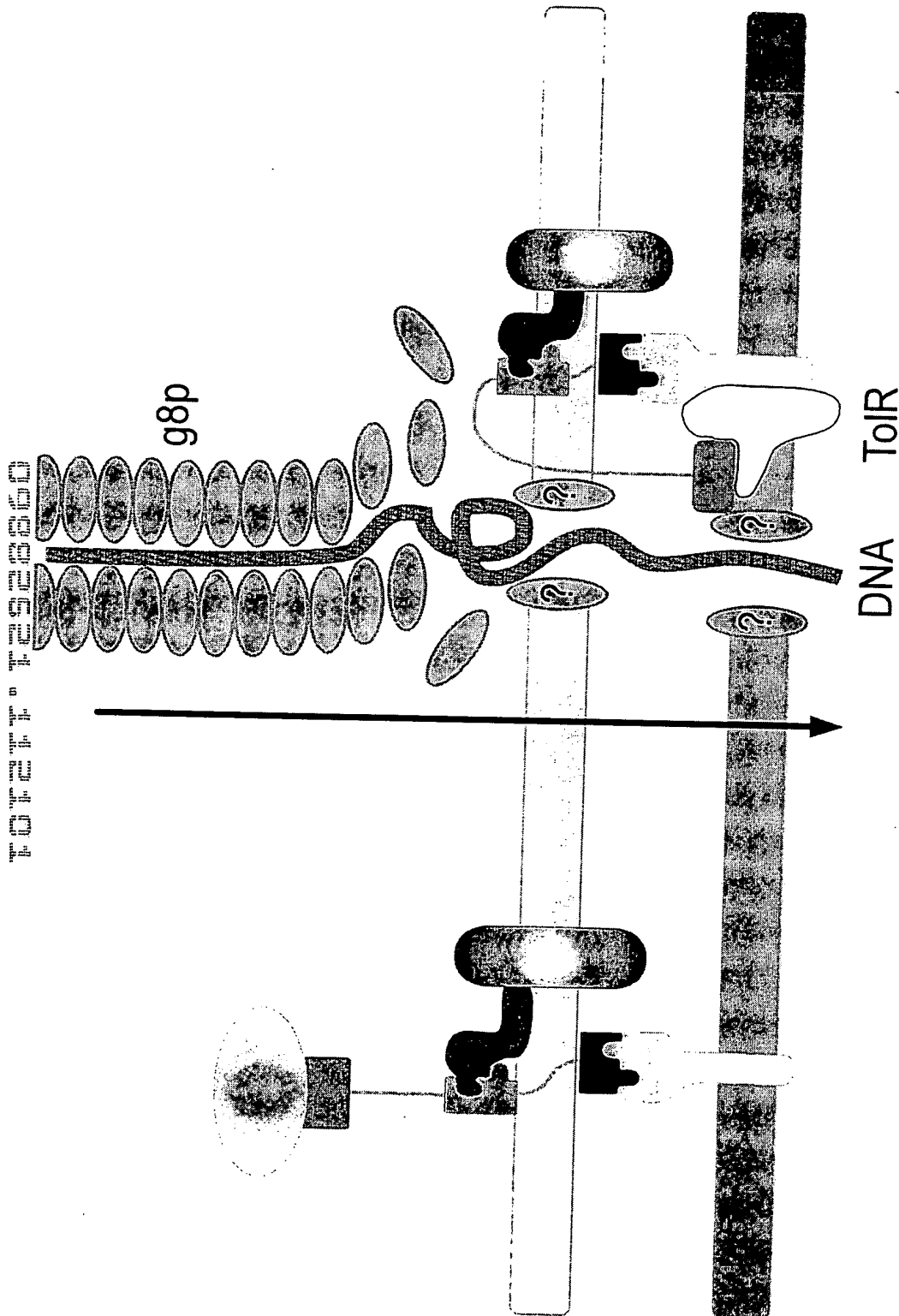
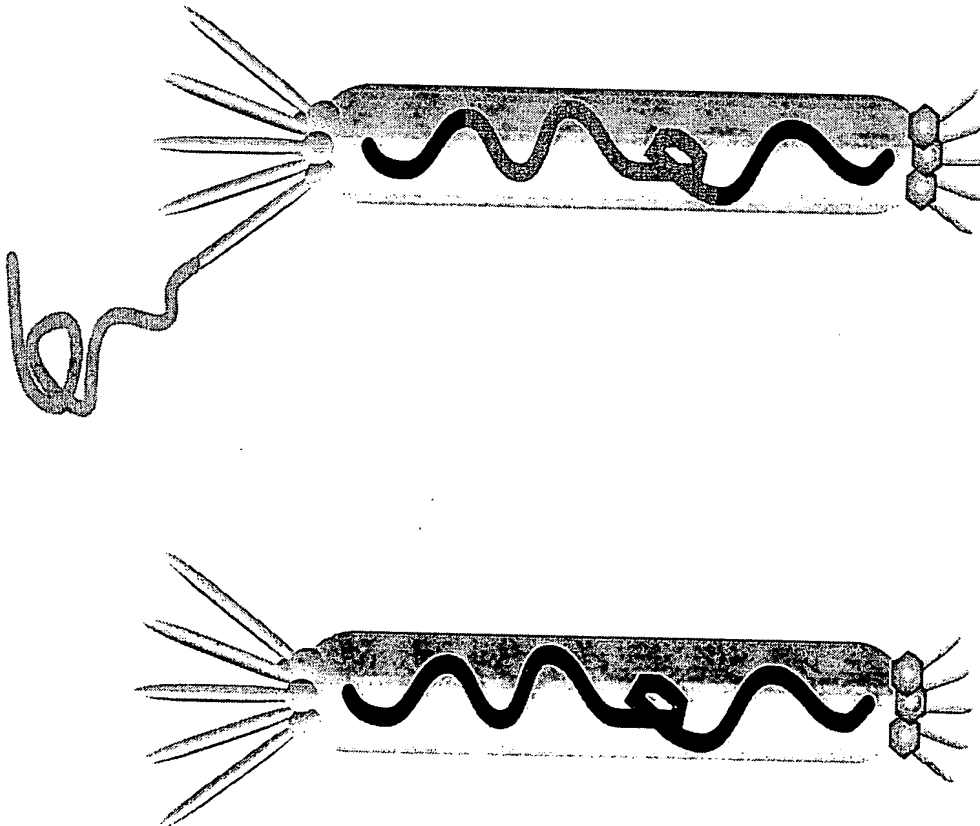


Figure 3

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Figure 4

No inserted ORF Inserted ORF



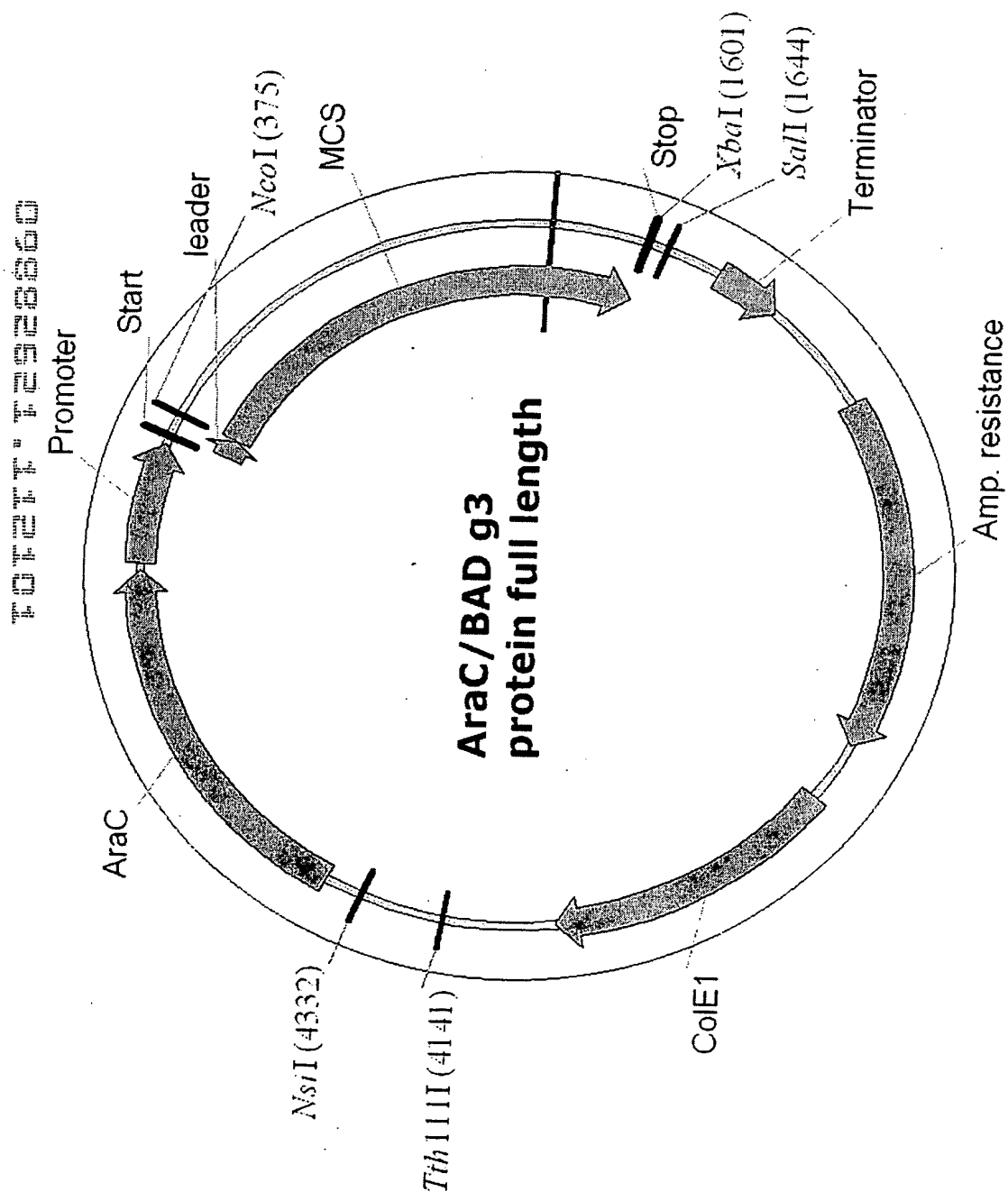


Figure 5

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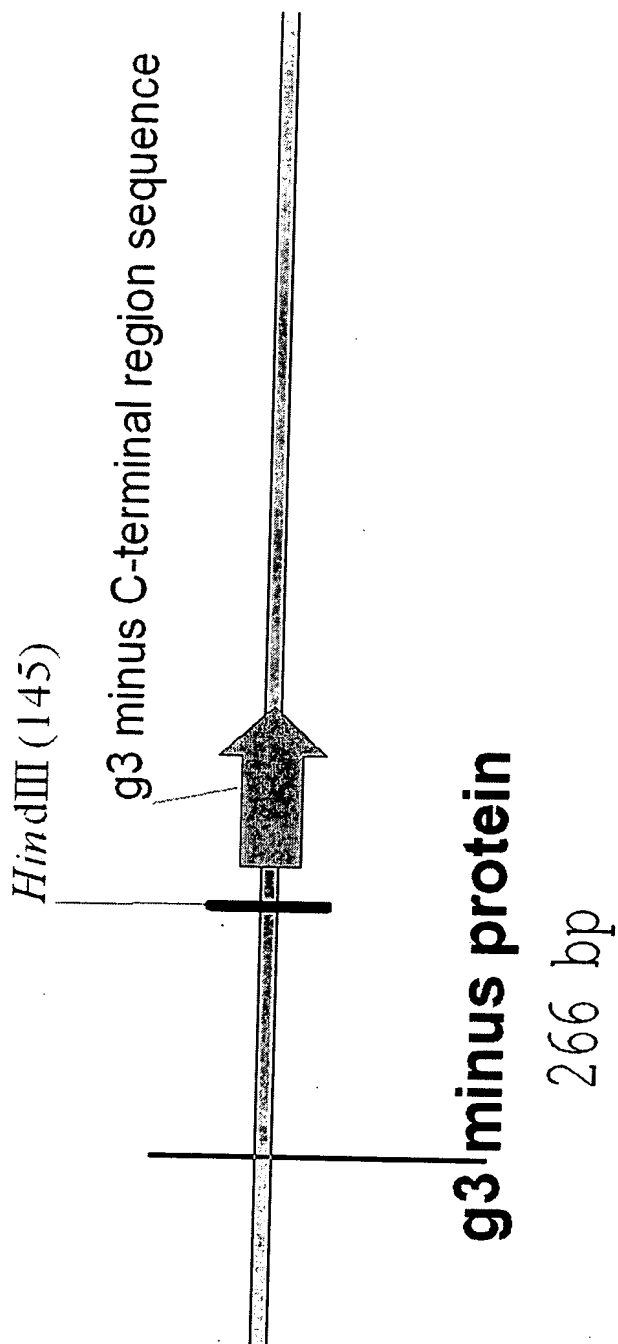


Figure 6A

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G3-minus protein

GGTTATGCGTGGGCGATGGTTGTTGTCATTGTCGGCGCAACTATCGGTATCAAGCTGTTTAAGAAATTCACCTCG
AAAGCAAGCTGATAAACCGATACAAATTAAAGGCTCCTTTTGGAGCCTTTTTTTTGGAGATTTTCAACAAGCTTC
TGCGTAATAAGGAGTCTTAATCATGCCAGTTCTTTTGGGTATTCCGTTATTATTGCGTTTCCTCGGTTTCCTTCT
GGTAACTTTGTTTCGGCTATCTGCTAACTTTTCTTAAAAAGG

Figure 6B

00002624.12104

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FIG. 7A

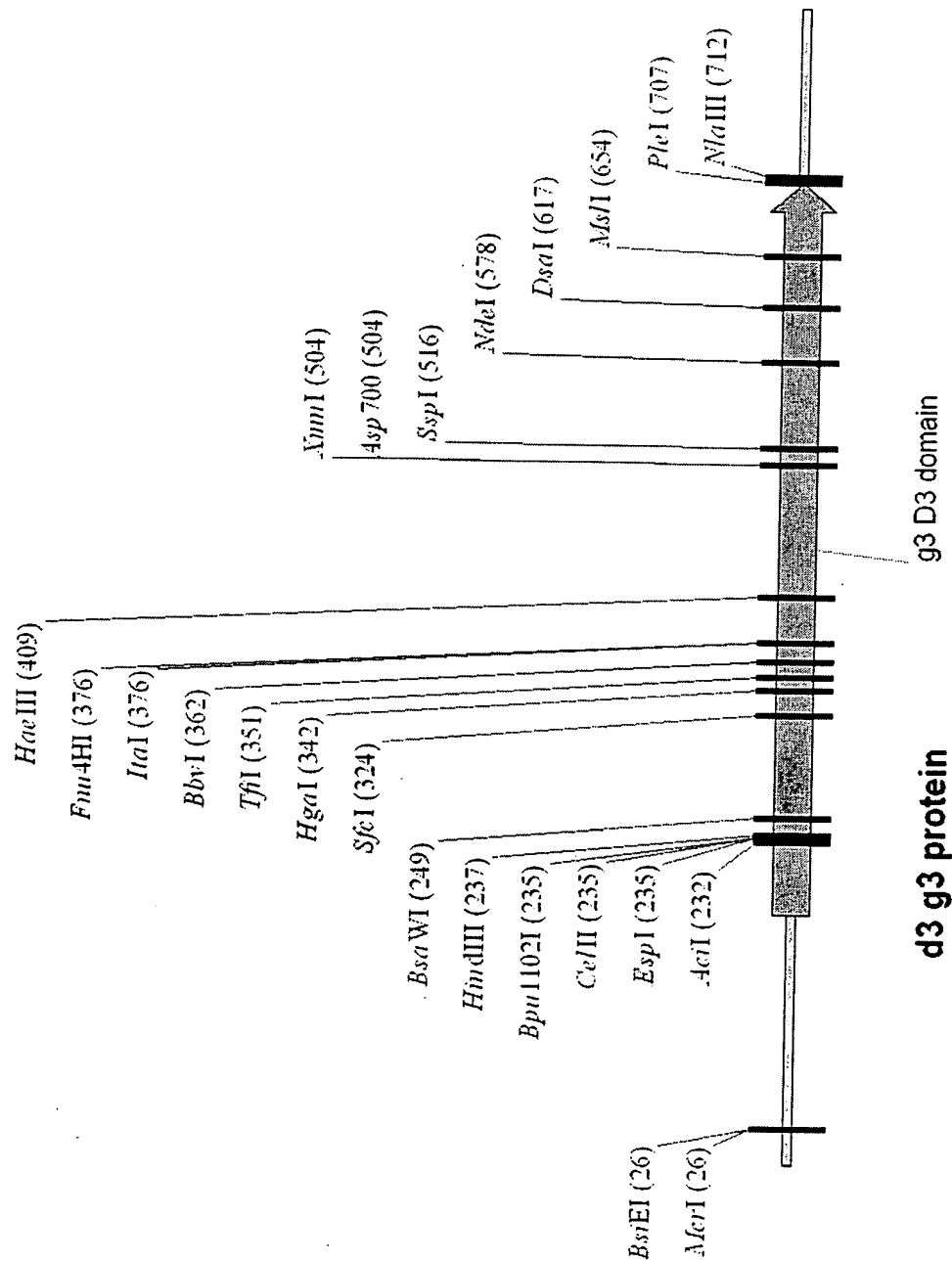


Figure 7A

Figure 7B

1. *Chlorophyll* *a* and *b* contents were determined using a spectrophotometer (Shimadzu UV-1601) at 663 nm and 646 nm, respectively. The absorbance values were converted to concentrations using the following equations: $Chl\ a\ (mg\ g^{-1}) = 12.7 \times A_{663}$ and $Chl\ b\ (mg\ g^{-1}) = 22.9 \times A_{646}$. Total chlorophyll content was calculated as the sum of *a* and *b*.

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A	GCG GCA GCC GCT
C	TGC TGT
D	GAT GAC
E	GAA GAG
F	TTT TTC
G	GGT GGC
H	CAT CAC
I	ATT ATC ATG
K	AAA
L	CTG
M	ATG
N	AAC AAT
P	CCG
Q	CAG
R	CGT CGC
S	AGC TCT
T	ACC ACG
V	GTG GTT GTC
W	TGG
Y	TAT TAC
STOP	TAA TGA

Figure 8

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